

SEEDS FORMULATION STUDY PRODUCT LIFE-CYCLE/LTA

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**SEEDS WORKSHOP
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Ensure safe handling of SEEDS-era data products as they migrate from data providers to active archive and long-term archive, even if numerous individuals and institutions take responsibility for the product during its life-cycle

- **Engage product generation, archiving and consumer communities**
- **Analysis and Formulation Team report**

6 weeks: preliminary report:

Analyze Earth science data product life-cycle

Evaluate LTA ops concepts

cost study and reuse 6 months:

6 months: Version 1 guidelines

Identify critical points in data product life-cycle that may affect the success of data product LTA

Define critical point content, documents, formats, responsibilities, etc.

Define interface requirements for LTA

Propose draft specifications for AOs that ensure data provider compliance with NewDISS lifecycle requirements

- **Feed results back to the archive and cost model FT studies**

Results so Far

- **Preliminary report completed, available here (and on the SEEDS web page)**
- **Workshop held with EOS Science Working Group on Data (SWGD)**
 - Robert Wolfe to report here on results relevant to SEEDS formulation
 - Plan to carry the SWGD report forward to NASA Code Y advisory group (ESISS)
- **Report and Workshop address key life-cycle issues:**
 - Levels of Service
 - Guidelines for new missions
 - Parameterization of LTA and life-cycle functions for cost model
 - Issues and recommendations

Goals for this Workshop

- **Gain wider perspective on Earth science LTA and life-cycle issues**
- **Confirm and/or modify Study Report and Workshop results**
- **Work on integrating life-cycle study results into other formulation team studies, especially cost model and architecture studies**